

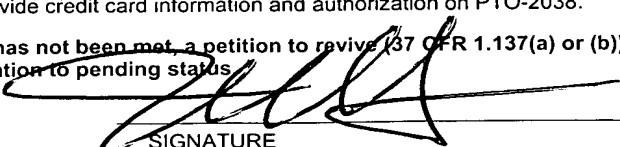
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|--|--|---|--|
| FORM PTO-1390 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE<br>(REV. 2-2005)  |  | ATTORNEY'S DOCKET NUMBER<br>310.1050                                |  |
| TRANSMITTAL LETTER TO THE UNITED STATES<br>DESIGNATED/ELECTED OFFICE (DO/EO/US)<br>CONCERNING A SUBMISSION UNDER 35 U.S.C. 371   |  | U.S. APPLICATION NO. (If known, see 37 CFR 1.5)<br><b>101551171</b> |  |
| INTERNATIONAL APPLICATION NO.<br>PCT/NL2004/000268   | INTERNATIONAL FILING DATE<br>22 April 2004 | PRIORITY DATE CLAIMED<br>22 April 2003                              |  |
| <b>TITLE OF INVENTION</b><br><b>METHOD FOR RECOVERING A SECONDARY PLANT METABOLITE</b>   |  |   |  |
| <b>APPLICANT(S) FOR DO/EO/US</b><br><b>VERBRUGGEN, Maria Anna and BAKKER, Rudolf Wilhelmus Maria</b>   |  |   |  |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:  |  |   |  |
| <p>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.</p> <p>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.</p> <p>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2))<br/>           a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).<br/>           b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.<br/>           c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</p> <p>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).<br/>           a. <input type="checkbox"/> is attached hereto.<br/>           b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</p> <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))<br/>           a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).<br/>           b. <input type="checkbox"/> have been communicated by the International Bureau.<br/>           c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.<br/>           d. <input checked="" type="checkbox"/> have not been made and will not be made.</p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).</p> <p>11. <input type="checkbox"/> A copy of the International Preliminary Examination Report (PCT/IPEA/409).</p> <p>12. <input checked="" type="checkbox"/> A copy of the International Search Report (PCT/ISA/210).</p> |  |   |  |
| <b>Items 13 to 23 below concern document(s) or information included:</b>   |  |   |  |
| <p>13. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>14. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>15. <input checked="" type="checkbox"/> A <b>FIRST</b> preliminary amendment.</p> <p>16. <input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment.</p> <p>17. <input type="checkbox"/> A substitute specification.</p> <p>18. <input type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>19. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.</p> <p>20. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</p> <p>21. <input type="checkbox"/> A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).</p> <p>22. <input checked="" type="checkbox"/> Express Mail Label No.</p> <p>23. <input checked="" type="checkbox"/> Other items or information:<br/><b>Acknowledgement Postcard</b></p>   |  |   |  |

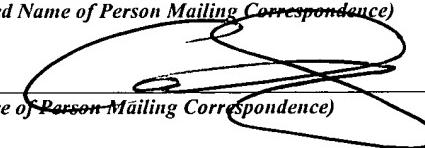
**JC20 Rec'd PCT/PTO 28 SEP 2005**

PTO-1390 (Rev. 02-2005)

Approved for use through 3/31/2007. OMB 0651-0021  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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|  |              |  |            |   |           |
|--|--------------|--|------------|---|-----------|
| U.S. APPLICATION NO (if known see 37 CFR 1.5)<br><b>107551171</b>  |              | INTERNATIONAL APPLICATION NO.<br><b>PCT/NL2004/000268</b>              |            | ATTORNEY'S DOCKET NUMBER<br><b>310.1050</b> |           |
|  |              |  |            | <b>CALCULATIONS PTO USE</b>                 |           |
| The following fees are submitted:  |              |  |            |   |           |
| 24. <input checked="" type="checkbox"/> Basic national fee .....   |              |  |            | \$300                                       | \$ 300.00 |
| 25. <input checked="" type="checkbox"/> Examination fee<br>If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4). ....  |              |  |            | \$100                                       | \$ 200.00 |
| All other situations. ....   |              |  |            | \$200                                       |           |
| 26. <input checked="" type="checkbox"/> Search fee<br>Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority .....  |              |  |            | \$100                                       |           |
| International Search Report prepared and provided to the Office .....  |              |  |            | \$400                                       |           |
| All other situations. ....   |              |  |            | \$500                                       | \$ 500.00 |
| <b>TOTAL OF 24, 25 and 26 =</b>  |              |  |            | \$ 1,000.00                                 |           |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.   |              |  |            |   |           |
| Total Sheets   | Extra Sheets | Number of each additional 50 or fraction thereof (round up to a whole) |            | RATE  |           |
| 29 - 100 =   | 0 /50 =      | 0  |            | x \$250.00                                  | \$ 0.00   |
| Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)).  |              |  |            |   |           |
| CLAIMS   | NUMBER FILED | NUMBER EXTRA   | RATE       |   |           |
| Total claims   | 28 - 20 =    | 8  | x \$50.00  | \$ 400.00                                   |           |
| Independent claims   | 1 - 3 =      | 0  | x \$200.00 | \$ 0.00                                     |           |
| MULTIPLE DEPENDENT CLAIMS (if applicable) <input checked="" type="checkbox"/>  |              |  |            | + \$360.00                                  | \$ 360.00 |
| <b>TOTAL OF ABOVE CALCULATIONS =</b>   |              |  |            |   |           |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.   |              |  |            |   |           |
| <b>SUBTOTAL =</b>  |              |  |            |   |           |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).  |              |  |            |   |           |
| <b>TOTAL NATIONAL FEE =</b>  |              |  |            |   |           |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property +  |              |  |            |   |           |
| <b>TOTAL FEES ENCLOSED =</b>   |              |  |            |   |           |
| \$ 1,760.00  |              |  |            |   |           |
| Amount to be \$  |              |  |            |   |           |
| Amount to be \$  |              |  |            |   |           |
| <p>a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>02-2275</u>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input checked="" type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p> |              |  |            |   |           |
| <p><b>NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.</b></p>   |              |  |            |   |           |
| SEND ALL CORRESPONDENCE TO:  |              |  |            |   |           |
| <p><b>Michael N. Mercanti</b><br/> <b>Lucas &amp; Mercanti, LLP</b><br/> <b>475 Park Avenue South</b><br/> <b>New York, New York 10016</b><br/> <b>Phone: 212-661-8000</b><br/> <b>Fax: 212-661-8002</b></p>   |              |  |            |   |           |
| <p><b>SIGNATURE</b><br/> <b>Michael N. Mercanti</b><br/> NAME _____<br/> 33,966 _____<br/> REGISTRATION NUMBER _____</p>   |              |  |            |   |           |

|  |                         |                     |                       |                           |
|--|-------------------------|---------------------|-----------------------|---------------------------|
| CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)   |                         |                     |                       | Docket No.<br>310.1050    |
| Applicant(s): VERBRUGGEN, Maria Anna, et al.   |                         |                     |                       |                           |
| 10455117<br>Application No.<br>To be assigned  | Filing Date<br>Herewith | Examiner<br>Unknown | Customer No.<br>20311 | Group Art Unit<br>Unknown |
| Invention: METHOD FOR RECOVERING A SECONDARY PLANT METABOLITE  |                         |                     |                       |                           |
| I hereby certify that the following correspondence:  |                         |                     |                       |                           |
| PCT Application (28 pages), Figures (2 pages) and International Search Report (2 pages)  |                         |                     |                       |                           |
| <i>(Identify type of correspondence)</i>   |                         |                     |                       |                           |
| is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 |                         |                     |                       |                           |
| on <u>September 28, 2005</u><br><i>(Date)</i>  |                         |                     |                       |                           |
| <u>Carla Santos</u><br><i>(Typed or Printed Name of Person Mailing Correspondence)</i>   |                         |                     |                       |                           |
| <br><i>(Signature of Person Mailing Correspondence)</i>  |                         |                     |                       |                           |
| <u>EV 733 807 346 US</u><br><i>("Express Mail" Mailing Label Number)</i>   |                         |                     |                       |                           |
| Note: Each paper must have its own certificate of mailing.   |                         |                     |                       |                           |

## CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)

Applicant(s): VERBRUGGEN, Maria Anna, et al.

Docket No.

310.1050

10/551171  
Application No.  
To be assignedFiling Date  
HerewithExaminer  
UnknownCustomer No.  
20311Group Art Unit  
Unknown

Invention: METHOD FOR RECOVERING A SECONDARY PLANT METABOLITE

I hereby certify that the following correspondence:

Form PTO-1390 (2 pages, page 2 in duplicate)

(Identify type of correspondence)

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450  
 on

September 28, 2005

(Date)

Carla Santos

(Typed or Printed Name of Person Mailing Correspondence)

(Signature of Person Mailing Correspondence)

EV 733 807 346 US

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